

IN THE CLAIMS:

1. (Currently Amended) ~~Structural~~ A structural protein of Fish Pancreatic Disease virus, ~~characterised in that wherein~~ the protein is selected from the group consisting of a capsid protein, an E1 protein, an E2 protein, an E3 protein ~~or~~ and a 6K protein.

2. (Currently Amended) ~~Structural~~ The structural protein [according to] of claim 1, ~~characterised in that said wherein the~~ protein comprises an amino acid sequence selected from ~~the amino acid sequences depicted in the group consisting of SEQ ID NO 3 to 8 and 15~~ SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8 and SEQ ID NO:15.

3. (Currently Amended) ~~Nucleotide~~ A nucleic acid comprising a nucleotide sequence encoding one or more of the structural proteins of ~~[Fish Pancreas Disease Virus according to claims]~~ claim 1 or 2.

4. (Currently Amended) ~~Nucleotide sequence according to~~ The nucleic acid of claim 3, ~~characterised in that wherein~~ the nucleotide sequence comprises ~~the sequence depicted in one or more of~~ SEQ ID NO 1 and/or and SEQ ID NO 14, and/or or fragments ~~of those sequences~~ thereof.

5. (Currently Amended) ~~Pharmaceutical~~ A pharmaceutical composition, comprising:

a protein ~~or nucleotide sequence according to any of the~~
~~claims~~ claim 1 to 5 and

a pharmaceutically acceptable carrier.

6. (Canceled).

7. (Currently Amended)) A DNA vaccine, comprising:

a ~~pharmaceutical~~ pharmaceutically acceptable carrier and

a DNA plasmid in which a nucleotide sequence ~~according to~~ of
claim 3 ~~or 4-5~~ is operably linked to a transcriptional regulatory
sequence.

8. (Currently Amended) A vector vaccine, comprising:

a live attenuated modified bacteria or virus, ~~which have~~
~~been modified to~~ wherein the bacteria or virus comprise comprises
~~in their genetic material~~ one or more of the nucleotide sequences
~~according to~~ of claim 3 ~~or 4~~.

9. (Currently Amended) A vaccine, comprising:

one or more of the structural PD proteins ~~according to~~
~~claims~~ of claim 1 or 2 and

a ~~pharmaceutical~~ pharmaceutically acceptable carrier.

10. (Currently Amended) A diagnostic kit, comprising:

one or more proteins [~~according to~~] of claim 1 ~~or 2, or one~~
~~or more nucleotide sequences or fragments thereof according to~~
~~claim 3 or 5.~~

11. (NEW) A pharmaceutical composition, comprising:

a nucleic acid of claim 1 and

a pharmaceutically acceptable carrier.

12. (NEW) A diagnostic kit, comprising:

one or more nucleic acids, or fragments thereof, of claim 3.